Region 1					
Country	Total Operators	Total Stations	Society Members	Licensed	Data Date
	operators		Tiempero	Tromp CI B	Date
Algeria	150	102	220	102	1982
Andorra Angola	97	97 Amateur Radio	81 Suspended	81	1983
Austria	?	4630	4300	3450	1983
Bahrain Belgium	40	43 4200	40 4400	22 2601	1983 1983
Botswana	46 1200	46	25	15	1982
Bulgaria Cyprus	1200	850 120	120	1200 120	1983 1983
Czechoslovaki	a 2404 10216	2695 10216	9022 6100	2404	1984
Denmark Djibouti	30	25	15	4400 14	1983 1983
Faroe Islands Finland	104 4103	110 4039	100 4338	78 4000	1984 1983
France	13050	13050	12000	6920	1983
Gambia German D.R.	54 2063	55 1889	25 15000	23 2063	1979 1983
F.R. Germany	48645	50350	46203	37811	1983
Ghana Gibraltar	23	Amateur Radio	Suspended 32	15	1983
Greece	400	404	550	400	1982
Hungary Iceland	3800	1950	5100 153	1950 91	1983 1979
Ireland	1441	1367 900	688	462 320	1984
Israel Italy	20000	18000	400 11450	8460	1982 1983
Ivory Coast Jordan	80	81 120	30 119	25 119	1974 1982
Kenya	67	68	85	29	1979
Lebanon Lesotho	104	104 25	65 17	30 15	1983 1983
Liberia	120	120	35	35	1983
Luxembourg Malta	315 143	315 149	282 65	260 60	1983 1983
Mauritius	?	30	39	21	1980
Monaco Morocco	48 98	48 98	31 98	31 98	1983 1983
Mozambique Netherlands	13210	Amateur Radio	Suspended 13750	8400	1983
Nigeria	140	140	560	140	1983
Norway Oman	5526 63	5526 66	3786 136	3227 63	1983 1983
Poland	3000	3230	7000	3000	1984
Portugal Romania	5050 1605	3043 1395	2045 4861	1957 1605	1984 1983

Country	Total	Total	Society	Licensed	Data
	Operators	Stations	Members	Members	Date
San Marino Senegal Sierra Leone South Africa Spain Swaziland Sweden Switzerland Syria Turkey U.S.S.R. U.K. Yugoslavia Zaire Zambia Zimbabwe	11 110 13 5300 26000 ? 9188 ? 10 0 28000 40000 3250 50 21 Inf	12 70 14 5300 26000 21 9188 3356 10 0 35000 40000 4882 50 21 ormation N	11 28 24 2705 15620 24 6461 4067 37 750 136000 33000 55000 50 20	11 28 13 2153 13080 19 5699 2824 10 0 11080 20000 3250 50 13	1983 1983 1983 1983 1983 1983 1983 1983
Average	4600	4687	7164	2708	
Total	263000	267136	408363	154347	
Region 3					

	stralia ngladesh	14780	14780 0	8093	7473 0	1983 1983
Bu Ch Fi Fr Ho In In Ja Ko Ma Ne Pa Ph Si So Sr Th	ngladesh rma ina ji . Polynesia ng Kong dia donesia pan rea laysia w Zealand kistan N.G. ilippines ngapore lomon Islan i Lanka ailand nga	45 15 ? 170 1400 10000 ? 841 120 5702 75 98 2500 55	0 Amateur Ra 3 15 182 170 1400 10000 550338 676 120 5846 75 98 2000 57 ?	dio Suspen 500 15 130 155 320 11000 129944 6678 270 4013 112 30 1200 46 23 94	~	1983 1984 1983 1984 1983 1983 1983 1983 1983 1983 1983 1983
Va	nuatu stern Samoa	25	27 7	20 ?	18 7	1984 1983
	erage tal	26700 587000	26656 586422	7419 163218	6500 142500	

Country	Total Operators	Total Stations	Society Members		l Data Date
Antigua & B. Argentina Bahamas Barbados Belize Bermuda Bolivia Brazil Br. Virgin Is. Canada Cayman Islands Chile Colombia Costa Rica Cuba Comm. Dominica Dominican Rep. Ecuador El Salvador Grenada Guatemala	24000 28 4300 5300 1482 424 65	25000 52 200 122 ? 1788 21000 24000 28 4300 4700 1482 451 22 2200 816 280 20 538	46 2180 23 80 122 82 1788 56500 10 4691 22 2200 1700 216 424 37 325 524 150 43 120	46 1952 21 60 122 75 1788 21000 9 4250 18 1540 1500 187 300 22 290 470 150 30 120	1983 1982 1983 1978 1984 1983 1983 1983 1982 1983 1983 1983 1978 1978 1978 1978 1983 1983
Guyana Haiti Honduras Jamaica Mexico Montserrat Neth. Antilles Nicaragua Panama Paraguay Peru Suriname Trinidad & T. U.S.A. Uruguay Venezuela	19 ? 79 2340 ?	nformation 18 ? 62 2340 ? 115 140 750 890 862 60 150 421732 2603 11000	Not Avail 19 110 130 995 33 70 135 400 1550 742 65 200 131767 367 1570	able 19 80 ? 985 31 55 135 400 1300 666 65 150 112906 328 1500	1978 1983 1982 1983 1983 1983 1983 1984 1983 1983 1983 1983 1983 1980 1979
Average Total	14655 527573	14667 527999	5818 209436	4242 152700	

Worldwide

Average	12000	12014	6791	3900
Total	1378000	1381557	781017	450000

Country	1 60m		th of Fre Om 30m	quency Ba		бm	2m	Data Date
Algeria Andorra	?	300 1	00 ? 00 ? teur Rac	? ? dio Susp	? ? ended	0	2 2	1982 1980
Angola Austria Bahrain	40 200	300 1	00 50 00 0	100	100	0	2 2	1983 1983
Belgium Botswana	0 190		00 0	100	100	0	2 2	1983 1982
Bulgaria	0	300 1	00 0	0	0	0	2	1983
Cyprus Czechoslovakia	200	300 1	00 50 ? 50	100	100	0 ?	2 ?	1983 1984
Denmark	20	300 1	00 50	100	100	0	2	1983
Djibouti Faroe Islands	140		00 50	100	100	0	0 2	1983 1984
Finland	65	-	00 0	0	0	0	2	1983
France	20		00 50	100	100	0	2	1983
Gambia German D.R.	140	?	rmation ? 50	Not Ava	ilable 0	?	?	1983
F.R. Germany	70	300 1	00 50	100	100	0	2	1983
Ghana Gibraltar	200		teur Rad 00 50	dio Susp O	ended 0	?	2	1983
Greece	0		00 0	0	0	0	2	1982
Hungary	0	-	00 0	0	0	0	2	1983
Iceland Ireland	200	Info	rmation ? 50	Not Ava	ilable 100	?	?	1984
Israel	190	•	00 50	100	100	Ò	2	1982
Italy	0	-	00 0	0	0	0	2	1983
Ivory Coast Jordan	0		rmation 0	Not Ava	ilable O	0	2	1982
Kenya	0		rmation	_	ilable		~	1,02
Lebanon	0	-	00 0	0	0	0	2	1983
Lesotho Liberia	200		50 0	0	0	4	2 2	1983 1983
Luxembourg	20	300 1	00 50	Ō	0	0	2	1982
Malta Mauritius	200		00 50	O Not Ava	0	0	2	1983
Monaco	0		00 50	100	100	0	2	1983
Morocco	0		00 0	0	0	0	2	1983
Mozambique Netherlands	10		teur Rac 00 50	dio Susp 100	ended 100	0	2	1983
Nigeria	200	300 1	00 50	100	100	0	1.5	1983
Norway	48		00 50	100	100	0	2	1983
Oman Poland	200 170		00 0	100	100	0	2 2	1983 1984
Portugal	20	300 1	00 50	100	100	0	1.9	1984
Romania	0	300 1	00 0	0	0	0	2	1983

C	Width of Frequency Band							Data	
Country	160m	80m	40m	30m	16m	12m	6m	2m	Date
Cara Manaina	00	200	100	50	100	100	0	0	1000
San Marino	20	300	100	50	100	100	0	2	1983
Senegal	40	?	?	50	100	100	4	2	1983
Sierra Leone	0	300	100	0	0	0	0	2	1983
South Africa	40	300	100	50	100	100	4	2	1984
Spain	20	300	10.0	6	0	0	0	2	1983
Swaziland		Ir	nformat	cion I	Not Ava	ilabl	е		
Sweden	15	300	100	0	0	0	0	2	1983
Switzerland	40	300	100	50	100	100	0	2	1983
Syria	20	300	100	50	100	100	0	0	1983
Turkey		An	nateur	Radio	Unaut	horiz	ed		
U.S.S.R.	100	150	100	0	0	0	0	2	1983
United Kingdom	190	300	100	50	100	100	0	2	1983
Yugoslavia	40	?	?	50	100	100	?	?	1983
Zaire		Ir	nformat	cion I	Not Ava	ilabl	е		
Zambia	200	300	100	?	?	?	0	2	1980
Zimbabwe		Ir	nformat	tion I	Not Ava	ilabl	е		
Average	78	292	101	29	50	50	0.5	1.9	

Australia Bangladesh	67	205 Ar	300 mateur	41 Radio	94 Unaut	99 horiz	2 ed	4	1983
Burma China	200	400	Amateur 100	Radi	o Susp 100	pended 100	4	4	1984
Fiji	0	400	100	0	0	0	4	1.1	1983
Fr. Polynesia	200	400	100	0	0	0	4	4	1984
Hong Kong	200	400	100	Ō	0	0	1	2	1983
India	10	210	100	0	100	100	ō	2	1984
Indonesia	200	400	100	50	100	100	4	4	1983
Japan	5	84	100	50	0	0	4	2	1983
Korea	15	50	100	50	0	0	4	2	1984
Malaysia	200	400	100	50	0	. 0	0	4	1983
New Zealand	141	400	300	44	0	0	2.15	4	1983
Pakistan	200	400	100	0	0	0	4	4	1983
P.N.G.	192	200	100	50	0	0	4	4	1983
Philippines	0	400	100	0	0	0	0	2	1983
Singapore	200	400	100	0	0	0	0	4	1984
Solomon Is.	200	400	300	50	0	0	4	4	1983
Sri Lanka	200	400	100	50	100	100	4	2	1984
Thailand	(200)	(400)	(100)	0	0	0	(2)()1983
Tonga	200	400	100	50	100	100	4	2	1982
Vanuatu	200	400	100	50	100	100	4	4	1984
Western Samoa	200	?	?	50	0	0	?	?	1983
Average	141	334	132	30	33	33	2.8	3.1	

Country				of Fre	equency E	and			Data
	160m	80m	40m	30m	16m	12m	6m	2m	Date
Antigua & B.	200	500	300	50	100	100	4	4	1983
Argentina	59	250	300	0	0	100	4	4	1982
Bahamas	50	?	?	0	0	0	?	2	1983
Barbados		Ir	nforma	- 1	_	ailabl		100	-,0,
Belize	200	500	300	50	0	0	4	4	1984
Bermuda	50	500	300	0	0	0	4	4	1983
Bolivia	50	500	300	50	100	100	4	4	1983
Brazil	50	300	300	0	0	0	4	4	1983
Br. Virgin Is.			nforma			ailabl	е		
Canada	200	500	300	50	0	0	4	4	1983
Cayman Islands	200	500	300	50	100	100	4	4	1982
Chile	0	250	300	0	0	0	4	4	1983
Colombia	200	500	300	50	100	100	4	4	1983
Costa Rica	200	?	?	50	100	100	?	?	1983
Cuba	200	500	300	?	?	?	4	4	1981
Comm. Dominica	200	500	300	50	0	0	3.9	. 4	1982
Dominican Rep.			nforma			ailabl			
Ecuador	200		nforma		Not Ava				1000
El Salvador Grenada	200	500	300	50	100	100	4	4	1983
Guatemala	200	500	300	50	100	100	3	4	1983
Guyana	200	500 T	300 nforma	0	Not A	0	0	4	1983
Haiti					Not Ava	ailabl			
Honduras	200	500	300	50	100	100		1	1983
Jamaica	200	500	300	?	5	5	4	4	1982
Mexico	200	500	300	0	0	0	4	4	1983
Montserrat	200	500	250	50	100	100	4	4	1983
Neth. Antilles	200	500	350	50	100	100	4	4	1983
Nicaragua	200	500	300	50	100	100	4	4	1983
Panama	200	500	300	50	100	100	4	4	1983
Paraguay	200	?	?	0	0	0	?	?	1984
Peru	200	500	300	Ö	0	0	4	4	1983
Suriname	200	500	300	0	0	0	4	4	1983
Trinidad & T.	200	?	?	50	100	100	?	?	1983
U.S.A.	200	500	300	44	0	0	4	4	1983
Uruguay	50	250	300	?	?	?	4	4	1980
Venezuela	6.			tion	Not Ava	ailabl			
Aronogo	165	162	200	21	1.0		2 4		
Average	165	463	300	31	48	52	3.8	4	and a little

Worldwide

Average 118 351 166 30 46 47 1.9 2.8